FTCPN - update

May 8-9, 2007: Riverdale, MD
  • Stakeholder meeting
February 12, 2008: Prosser, WA
  • Stakeholder meeting
April 8, 2008: Davis, CA
  • Fruit tree stakeholder meeting
July 7, 2008: Davis, CA
  • Fruit tree stakeholder meeting
September 19, 2008: Teleconference
  • Board meeting
December 12, 2008: Denver, CO
  • Board meeting
Fruit trees = temperate climate fruit and nut trees of the genera *Malus, Prunus, Pyrus* and *Cydonia* for food production OR as ornamental plants

Viruses = viruses, viroids, graft-transmissible pathogens such as fastidious bacteria of the genus *Xylella* and phytoplasma, and other graft-transmissible agents that have not been identified
FTCPN - update

Goals:
1. Develop stratagem to preserve functionality of existing programs
2. Provide platform for sustainable activities

Action items:
1. Formalize Tier 2 commodity committee
2. Develop charter
3. Develop vision of the fruit tree network
4. Develop FTCPN certification guidelines
5. Review testing protocols and requirements
1. FORMALIZE TIER 2 COMMODITY COMMITTEE
2. DEVELOP CHARTER

FTCPN Governance
FTCPN Tier 2 Committee

NOMINATING COMMITTEE (selected July 7, 2008)
Northwest:
  • Bill Howell (Northwest Nursery Improvement Institute, Prosser, WA)
West:
  • Robert Woolley (Dave Wilson Nursery, Hickman, CA)
Northeast:
  • Ken Rauscher (Michigan Dept. Agriculture, Lansing, MI)
Southeast:
  • Simon Scott (Clemson University, Clemson, SC)

Nominations open for comment period August 2, 2008
FTCPN Charter

• Living document developed (Dec 12, 2008)
• Approved by the Tier 2 committee (March 9, 2009)
• Located on the FTCPN web-page:
  http://groups.ucanr.org/ncpn/FRUIT_TREE_CPN/
FTCPN Charter

Major elements:

• Formally align mission & goals of FTCPN with those of the NCPN program

• Operational guidelines of Tier 2 commodity committee
  • Composition
  • Charge

• Action plan to achieve goals

• Description of existing programs
FTCPN Tier 2 Committee

CURRENT TIER 2 VOTING MEMBERS

• Industry representatives:
  Lynnell Brandt, Brandt’s Fruit Trees, Parker, WA
  Phil Baugher, Adams County Nursery, Aspers, PA
  Robert Woolley, Dave Wilson Nursery, Hickman, CA
  Chalmers Carr, Titan Farms, Ridge Spring, SC

• State regulatory representatives:
  Christel Harden, South Carolina
  Nancy Osterbauer, Oregon
  Ruth Welliver, Pennsylvania

• University research representatives:
  Simon Scott, Clemson University, Clemson, SC (Vice-Chair)
  Ken Eastwell, Washington State University, Prosser, WA (Chair)

• University extension representative:
  Steve Hoying, Cornell University, Hudson Valley, NY
FTCPN Tier 2 Committee

TIER 2 NON-VOTING MEMBERS

• CWG representatives

• NCPN National Coordinator:
  Erich Rudyj, NCPN Coordinator, USDA-APHIS

• National Clonal Germplasm Repository (NCGR) representative:
  Vacant

• USDA-APHIS (PPQ) representative:
  Margarita Licha, USDA-APHIS-PPQ, Beltsville, MD

• American Nursery & Landscape Assn. representative:
  Mark Teffreau, ANLA/HRI, Washington, DC

• Subject matter experts:
  Invited ad hoc by Tier 2 voting members
FTCPN Charter

- Responsibilities of Tier 2 commodity committee:
  - Nominate observers for NCPN Tier 1 committee
  - Provide leadership and direction of FTCPN
  - Provide advice on policy to the NCPN
  - Establish funding priorities
  - Identify deliverable outcomes and review progress on a regular basis
  - Establish working groups to formulate operating procedures to meet goals
FTCPN Charter

Goals:

• Provide rapid & safe introduction & release of selections from foreign and domestic sources
• Establish and maintain foundation mother blocks
• Coordinate working relationships with entities engaged in similar activities
• Promote best management practices to maintain pathogen- and pest-indexed plants
  • Encourage use of FTCPN products and services
• Provide a forum to discuss enhancing the systems approach to introduction & distribution of new varieties and rootstocks
3. DEVELOP VISION OF THE FRUIT TREE NETWORK

Essential Components
A fruit tree clean plant network

RETENTION & DISTRIBUTION

Delivery of Pathogen-tested Trees to Fruit Growers

ACQUISITION

Foundation Variety Collections (field)

Domestic Sources

Foreign Sources

Pathogen Elimination

Testing

Registered Mother Blocks

Production of Certified Trees

NCGR

Foundation Variety Collections (screenhouse)
Budget review process

• Essential components used as guide

• Service & research pre-proposals received
  • Clemson University
  • University of California
  • Washington State University

• Outreach pre-proposal in preparation
  • Cornell University (lead)

• Funding targets:
  Service $1,350k
  Research $112k
  Outreach $338k
4. DEVELOP FTCPN STANDARDS

Harmonization
Develop FTCPN certification guidelines

TASK FORCE MEMBERS:
Ruth Welliver, PA Dept. of Ag
Nancy Osterbauer, OR Dept. of Ag
Sid Sedegui, OR Dept. of Ag
Lauri Guerra, WA Dept. of Ag
Susan McCarthy, CA Dept. Of Food & Ag
Joseph Foster, USDA-APHIS
Dan Thompson, CFIA
Robert Woolley, Dave Wilson Nursery
Nancy Sweet, FPS
Develop FTCPN certification guidelines

THE TASK:
Develop a model regulation for a domestic certification program that would be a minimum standard for an NCPN-approved program.

FTCPN Charter Goal 3a:
“…coordinate and harmonize state certification programs to develop a national certification minimum standard that would qualify for export to foreign markets…”
Develop FTCPN certification guidelines

STARTING POINT(S):

State certification programs & references:
- CA, OR, PA, WA (represented in TASK FORCE)
- ID, MD, MI, MO, NY, SC
- Canadian Fruit Tree Export Program
- U.S. Nursery Certification Pilot Program
- Potato harmonization plan
Develop FTCPN certification guidelines

FIRST ASSIGNMENT:
Compare existing standards with draft of Canadian Fruit Tree Export Program

Why start there?
- International (NAPPO) language incorporated
- Slightly different than state programs that are patterned after one another
- Systems approach model
ISSUES RAISED THUS FAR:
1. Domestic vs. Export Standards
2. Do current documents capture what is practical and useful to today’s industry?
3. Do current documents capture scientific and regulatory reality?
4. Should there be more emphasis on site-specific risk assessment, less rigid schedule/detail of inspection and testing?
5. DETAIL: Buffer zones, audits, nematode testing requirements, virus sampling and testing protocols
Develop FTCPN certification guidelines

BENEFITS OF HARMONIZATION
• Easier on trading partners
• Easier to share regional and national resources
• Transparency and simplicity for industry business plan, marketing

STILL NOT MANDATORY
Develop FTCPN certification guidelines

NEXT STEPS:

• A blended version of existing certification programs (spring 2009)

• Language suggestions to incorporate in state regulations that would allow real-time links to an NCPN living certification document (summer 2009)

• Prioritized list of research needs related to certification (autumn 2009)

• FTCPN certification (winter 2009/10)
5. REVIEW TESTING PROTOCOLS & REQUIREMENTS

Pathogen Detection
Technical review of testing protocols & requirements

• Pathogens and procedures derived from NAPPO standards and International Working Group on Fruit Tree Viruses

• Preliminary lists reviewed at fruit tree network general meetings
  • Thorough review of methods & disease status required (WERA-020)

• Final document used for development of NCPN certification standards
Pome fruits

- Diseases for which status is required:
  - 36 disorders identified
  - Dependent on biological indexing

- Disorders & pathogens requiring further research
  - 13 disorders not reported in the U.S.
  - 8 disorders no recent reports in the U.S.
  - 1 disorder with very limited distribution
Stone fruits
• Pathogens for which status is required:
  • 31 pathogens identified

• Disorders & pathogens requiring further research
  • 15 disorders reported in the U.S. but requiring etiological data
  • 30 disorders not reported in the U.S.
  • 3 disorders no-longer reported in the U.S.
Next steps (concurrent):

- Develop recommendations for funding priorities: service, outreach, research
- Establish & strengthen communications network
- Complete review of testing requirements
  - Regional needs
  - Develop FTCPN standards
- Develop performance standards of the FTCPN